LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110278.D
Acq On : 29 Oct 2018 22:39
Operator : JU/SJ
Sample : J5685-05 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-29

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.281	29	33	44	rVB	75656	108154	6.94%	0.523%
2	5.192	525	528	537	rVB	13554	17360	1.11%	0.084%
3	5.581	590	594	607	rBV	457972	452290	29.02%	2.186%
4	6.581	760	764	781	rBV	534494	519328	33.32%	2.510%
5	6.734	786	790	796	rBV	624860	512897	32.91%	2.479%
6	6.969	826	830	840	rBV	730123	656628	42.13%	3.173%
7	7.122	852	856	867	rVB	460579	404907	25.98%	1.957%
8	7.528	921	925	937	rBV	283717	299652	19.23%	1.448%
9	8.251	1044	1048	1068	rVB	938568	872802	56.01%	4.218%
10	9.322	1227	1230	1240	rBV	625515	563320	36.15%	2.722%
11	9.669	1282	1289	1292	rBV	17505	20930	1.34%	0.101%
12	9.716	1294	1297	1304	rVB	72015	73794	4.74%	0.357%
13	9.874	1320	1324	1328	rBV	32982	35085	2.25%	0.170%
14	10.010	1343	1347	1351	rBV	892089	820443	52.65%	3.965%
15	10.045	1351	1353	1362	rVB	95361	83488	5.36%	0.403%
16	10.216	1378	1382	1386	rBV2	31523	36713	2.36%	0.177%
17	10.416	1412	1416	1423	rBV2	39989	44765	2.87%	0.216%
18	10.563	1437	1441	1447	rVB	81057	81016	5.20%	0.392%
19	10.716	1465	1467	1470	rVB	28926	21797	1.40%	0.105%
20	10.804	1478	1482	1488	rBV	233922	262355	16.83%	1.268%
21	10.904	1495	1499	1502	rBV4	16143	26515	1.70%	0.128%
22	11.110	1527	1534	1536	rBV2	32715	40546	2.60%	0.196%
23	11.233	1550	1555	1557	rBV3	22104	28340	1.82%	0.137%
24	11.257	1557	1559	1564	rVV3	23855	28866	1.85%	0.140%
25	11.310	1564	1568	1571	rVV2	29463	31245	2.00%	0.151%
26	11.345	1571	1574	1578	rVV3	35723	43007	2.76%	0.208%
27	11.398	1581	1583	1588	rVB	43728	40392	2.59%	0.195%
28	11.504	1597	1601	1603	rBV	807635	686399	44.05%	3.317%
29	11.527	1603	1605	1609	rVV	1005405	796573	51.11%	3.850%
30	11.580	1610	1614	1618	rVV	303311	279410	17.93%	1.350%
31	11.616	1618	1620	1625	rVB	22022	24518	1.57%	0.118%
32	11.733	1636	1640	1645	rBV2	52988	69910	4.49%	0.338%
33	11.798	1649	1651	1654	rVB	26544	21433	1.38%	0.104%
34	11.839	1654	1658	1661	rBV3	24394	27259	1.75%	0.132%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5685-05 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-29

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.004	1683	1686	1689	rBV	140960	129166	8.29%	0.624%
36	12.033	1689	1691	1695	rVB	182821	141437	9.08%	0.684%
37	12.080	1696	1699	1702	rVV	75571	66398	4.26%	0.321%
38	12.121	1702	1706	1708	rBV2	220819	237796	15.26%	1.149%
39	12.139	1708	1709	1714	rVB	93086	73261	4.70%	0.354%
40	12.180	1714	1716	1719	rBV3	20717	20708	1.33%	0.100%
41	12.239	1723	1726	1729	rBV4	13196	19011	1.22%	0.092%
42	12.298	1733	1736	1739	rVV	94421	88953	5.71%	0.430%
43	12.333	1739	1742	1746	rVB	48773	46632	2.99%	0.225%
44	12.451	1760	1762	1764	rBV	29561	24406	1.57%	0.118%
45	12.480	1764	1767	1769	rVB	31537	23855	1.53%	0.115%
46	12.504	1769	1771	1773	rVB	30341	22564	1.45%	0.109%
47	12.557	1776	1780	1784	rBV2	68329	105621	6.78%	0.510%
48	12.598	1784	1787	1788	rVV2	41479	42487	2.73%	0.205%
49	12.645	1792	1795	1800	rVB3	66717	73684	4.73%	0.356%
50	12.727	1804	1809	1812	rBV	1526525	1447409	92.88%	6.995%
51	12.757	1812	1814	1817	rBV	19180	18816	1.21%	0.091%
52	12.786	1817	1819	1821	rVB	35355	28747	1.84%	0.139%
53	12.815	1821	1824	1826	rVB	19445	18742	1.20%	0.091%
54	12.845	1826	1829	1830	rBV3	19701	18094	1.16%	0.087%
55	12.874	1832	1834	1837	rVV	39458	38640	2.48%	0.187%
56	12.957	1841	1848	1853	rBV	1378206	1558399	100.00%	7.531%
57	12.998	1853	1855	1859	rVB2	70644	67501	4.33%	0.326%
58	13.086	1863	1870	1873	rBV2	455230	486273	31.20%	2.350%
59	13.110	1873	1874	1880	rVB	74369	61548	3.95%	0.297%
60	13.168	1880	1884	1888	rBV2	95007	159262	10.22%	0.770%
61	13.204	1888	1890	1892	rBV	22720	19895	1.28%	0.096%
62	13.251	1895	1898	1900	rBV3	75585	94717	6.08%	0.458%
63	13.280	1900	1903	1906	rVB	230263	201451	12.93%	0.974%
64	13.345	1911	1914	1917	rBV	188161	161245	10.35%	0.779%
65	13.386	1917	1921	1923	rVV2	121842	151863	9.74%	0.734%
66	13.410	1923	1925	1928	rVB	49373	40880	2.62%	0.198%
67	13.439	1928	1930	1933	rBV2	30261	28446	1.83%	0.137%
68	13.480	1934	1937	1939	rVV	62962	54283	3.48%	0.262%
69	13.510	1939	1942	1948	rVB2	73540	76294	4.90%	0.369%
70	13.592	1954	1956	1959	rVB3	24669	17263	1.11%	0.083%
71	13.762	1982	1985	1987	rBV3	38435	42977	2.76%	0.208%

LSC Area Percent Report

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Sample : J5685-05 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-29

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.792	1987	1990	1995	rVB	95601	109424	7.02%	0.529%
73	13.904	2004	2009	2011	rBV3	111017	149684	9.60%	0.723%
74	13.927	2011	2013	2015	rVV	136191	119139	7.64%	0.576%
75	13.957	2015	2018	2019	rVV	113285	119049	7.64%	0.575%
76	13.998	2023	2025	2028	rVB	110424	88595	5.69%	0.428%
77	14.151	2044	2051	2054	rBV2	976754	1472906	94.51%	7.118%
78	14.180	2054	2056	2063	rVB	719723	595727	38.23%	2.879%
79	14.233	2063	2065	2067	rBV3	28545	26428	1.70%	0.128%
80	14.262	2067	2070	2072	rBV	144433	124477	7.99%	0.602%
81	14.380	2086	2090	2093	rVB2	66772	83720	5.37%	0.405%
82	14.504	2108	2111	2112	rBV2	48990	47369	3.04%	0.229%
83	14.539	2114	2117	2120	rVV	126543	119844	7.69%	0.579%
84	14.574	2120	2123	2125	rVV	53435	45723	2.93%	0.221%
85	14.668	2137	2139	2141	rBV	54016	44395	2.85%	0.215%
86	14.692	2141	2143	2147	rVB2	99812	86145	5.53%	0.416%
87	14.739	2147	2151	2158	rVB3	53759	90412	5.80%	0.437%
88	14.862	2170	2172	2175	rBV3	38574	43072	2.76%	0.208%
89	15.062	2203	2206	2213	rVB3	58070	88523	5.68%	0.428%
90	15.233	2230	2235	2238	rBV	487569	783885	50.30%	3.788%
91	15.345	2250	2254	2258	rBV	107384	120635	7.74%	0.583%
92	15.556	2285	2290	2296	rVB	265879	373587	23.97%	1.805%
93	15.621	2296	2301	2306	rVV	448378	568245	36.46%	2.746%
94	15.686	2306	2312	2315	rVV	342205	543645	34.88%	2.627%
95	15.721	2315	2318	2328	rVB	131178	200811	12.89%	0.970%
96	16.133	2385	2388	2396	rVB3	69841	113539	7.29%	0.549%
97	17.256	2573	2579	2585	rBV2	149543	288688	18.52%	1.395%
98	17.739	2655	2661	2676	rVB	131024	303754	19.49%	1.468%

Sum of corrected areas: 20692282

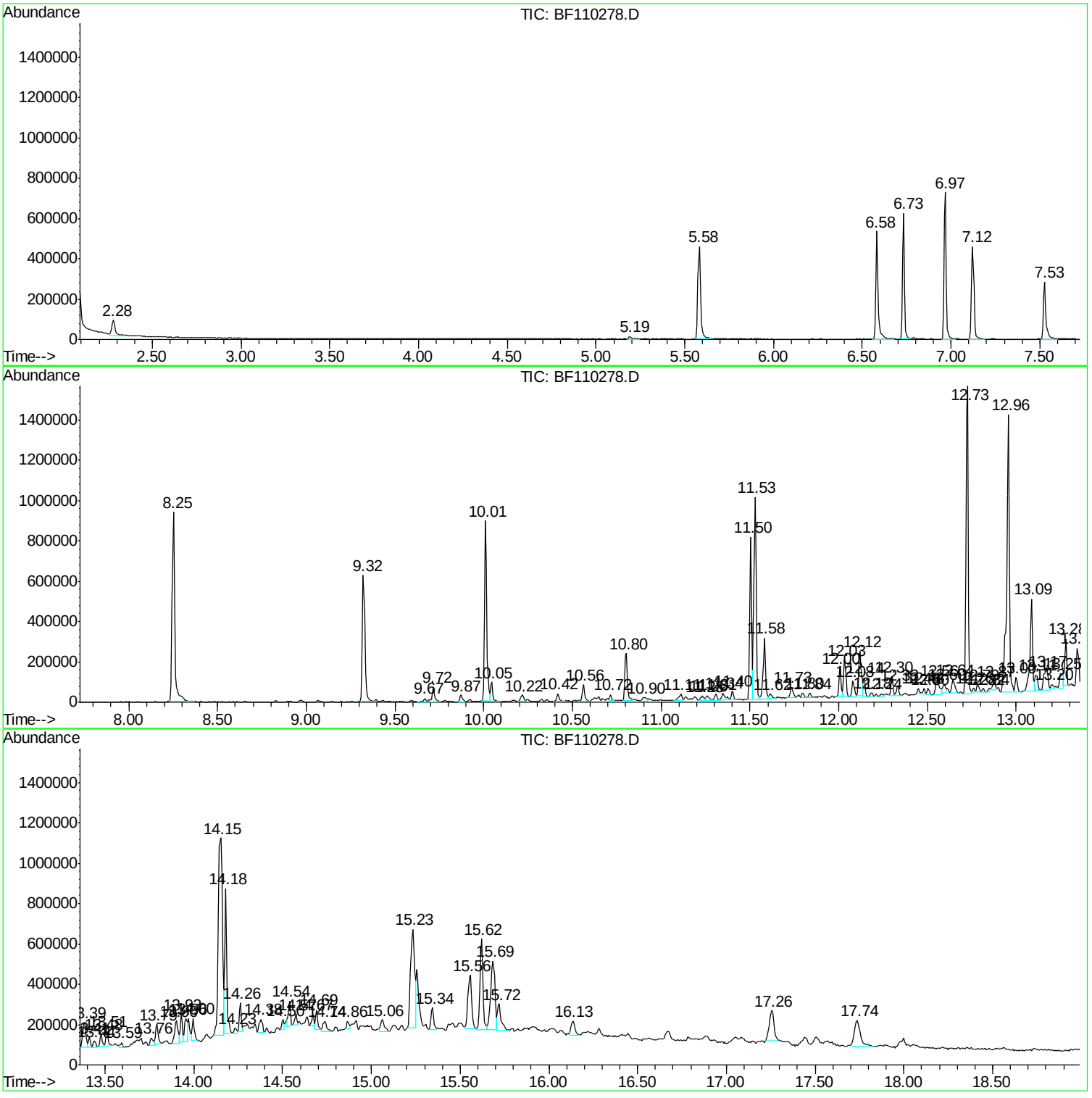
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110278.D
Acq On : 29 Oct 2018 22:39
Operator : JU/SJ
Sample : J5685-05 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-29

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110278.D
Acq On : 29 Oct 2018 22:39
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : DOCUMENTATION-29

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

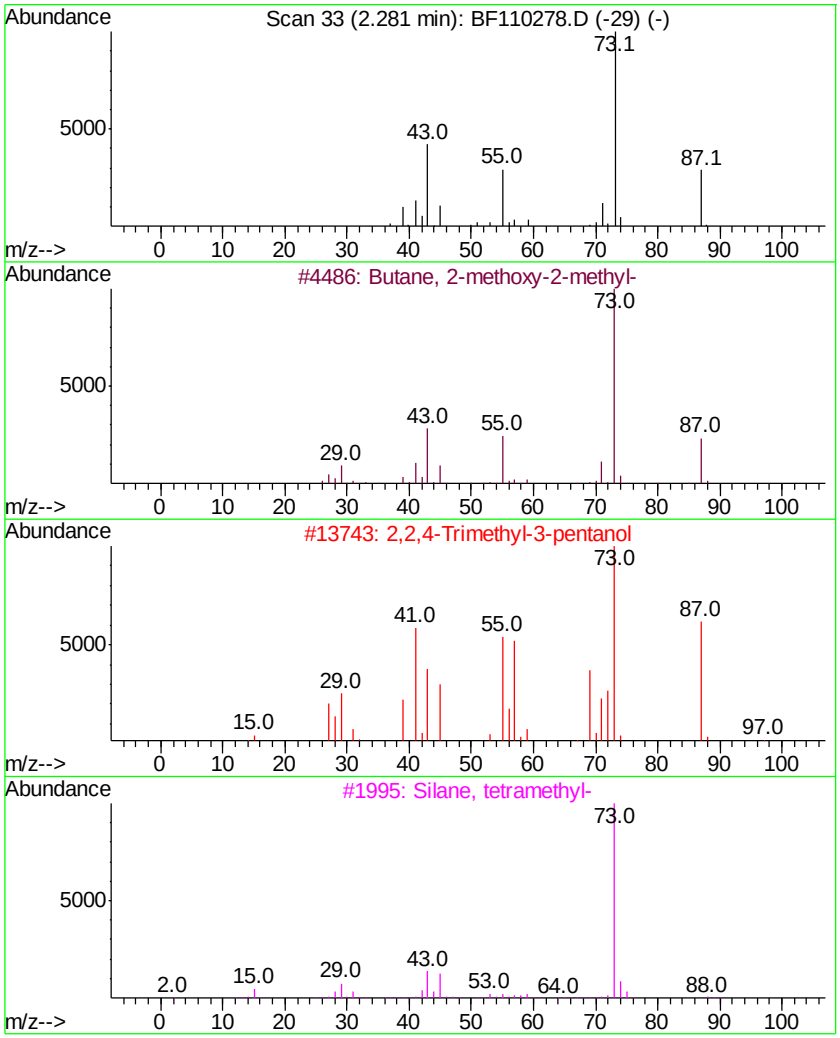
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

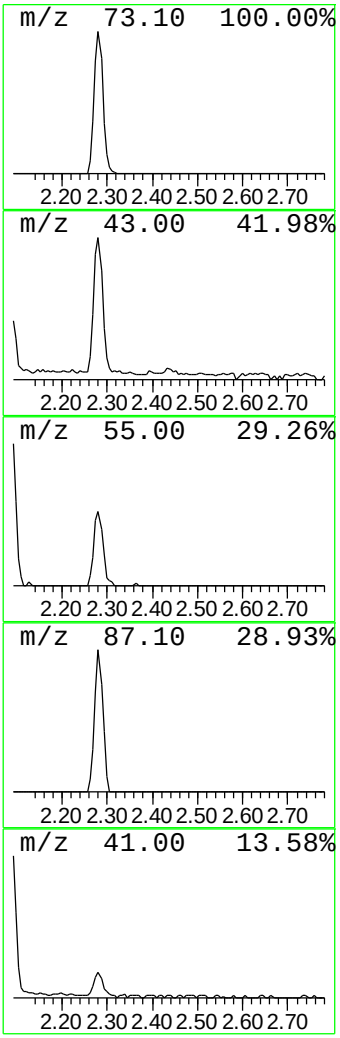
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.28	3.29 ng	108154	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
5	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
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Acq On : 29 Oct 2018 22:39
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

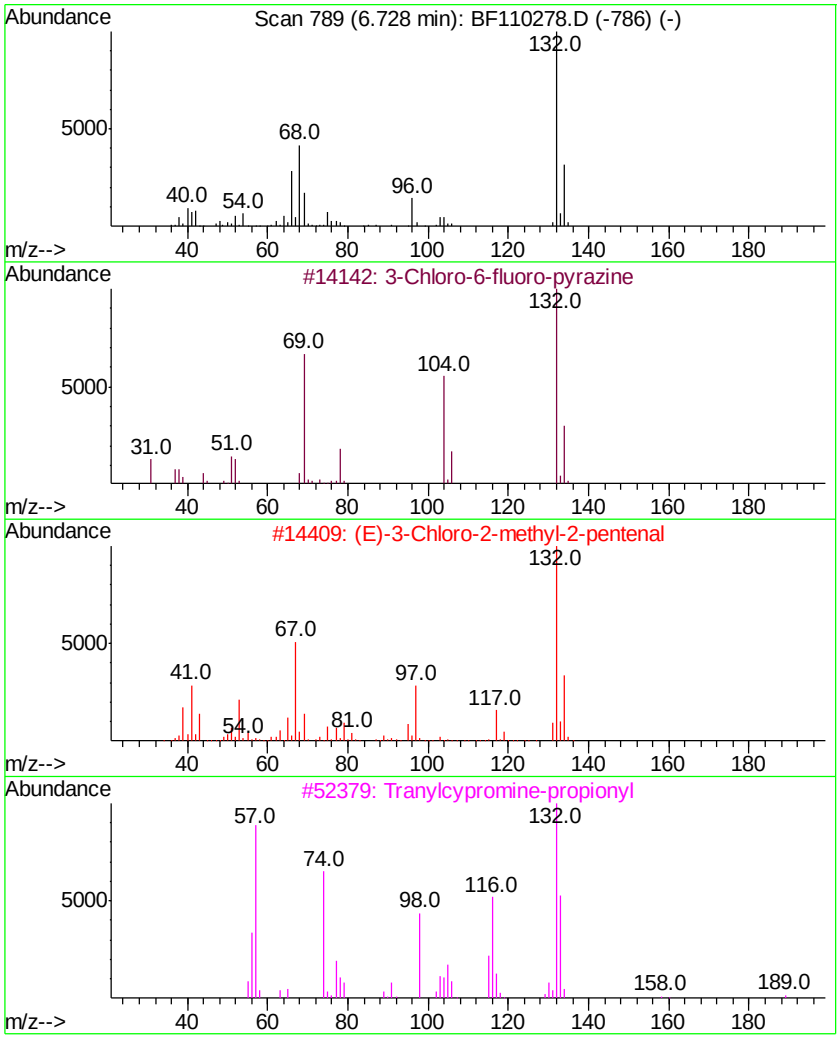
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

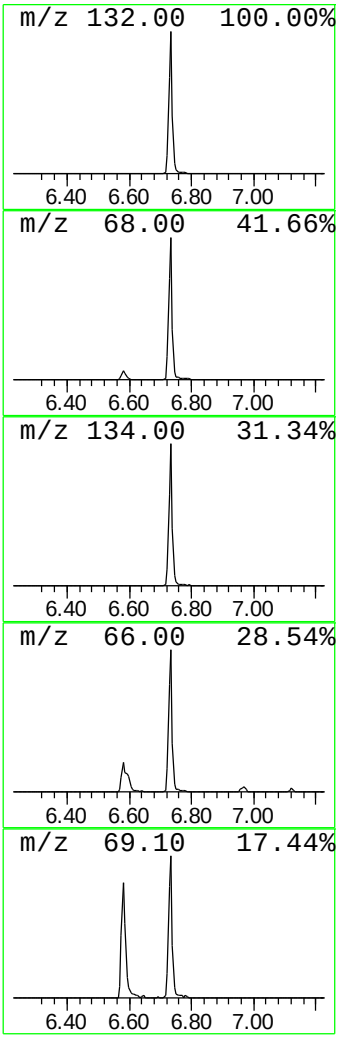
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	15.62 ng	512897	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

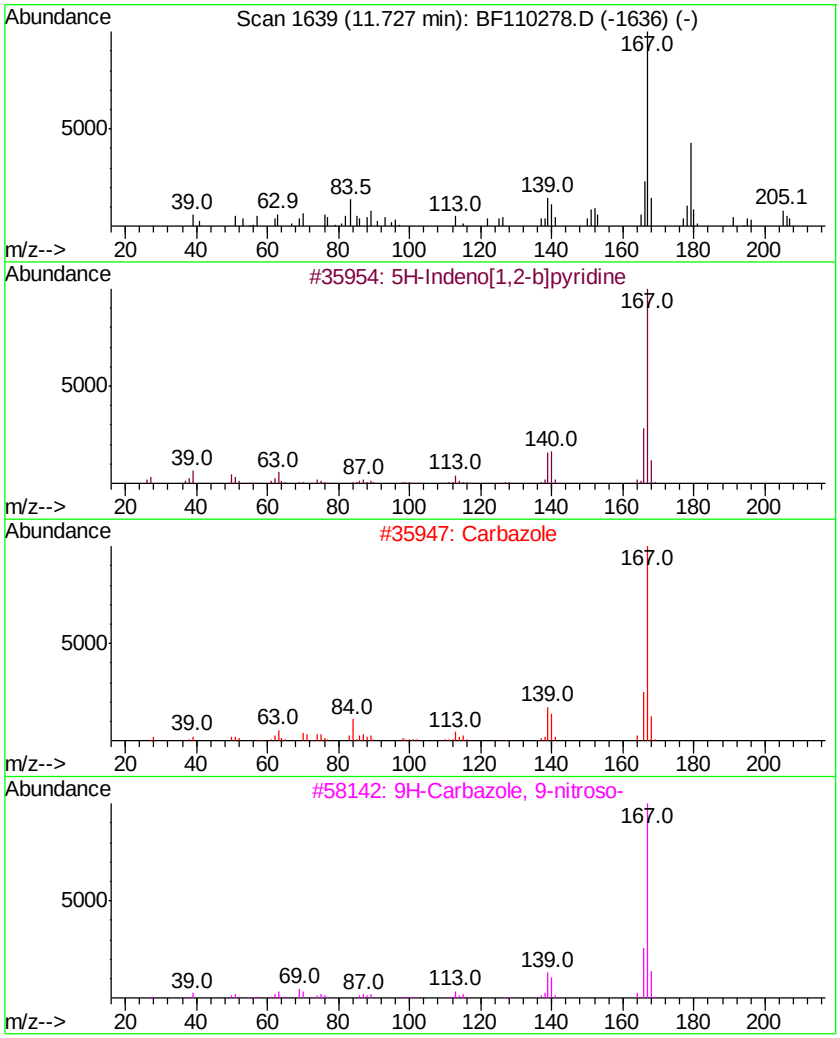
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

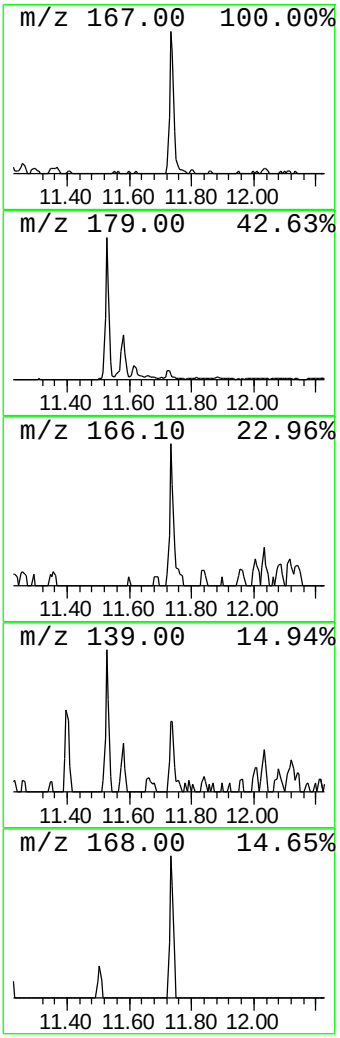
****

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.04 ng	69910	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
2	Carbazole	167	C12H9N	000086-74-8	91
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	80
5	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	72





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Misc :
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Instrument : BNA_F
ClientSampleId : DOCUMENTATION-29

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

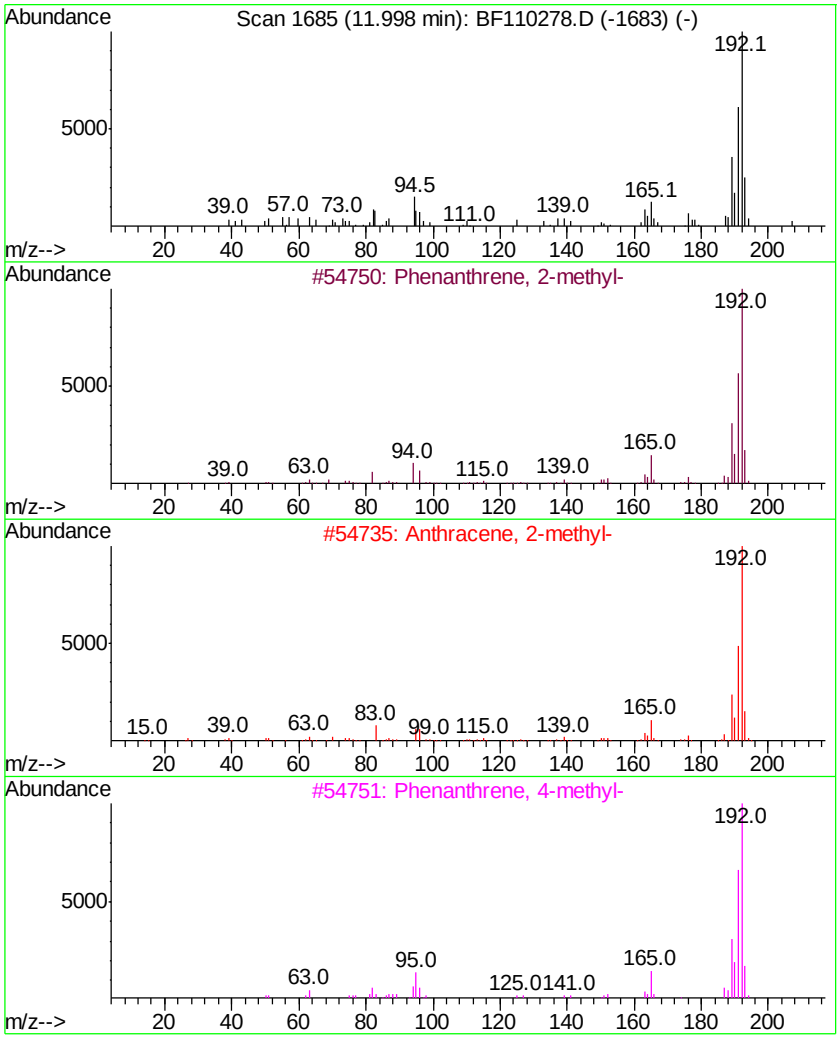
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

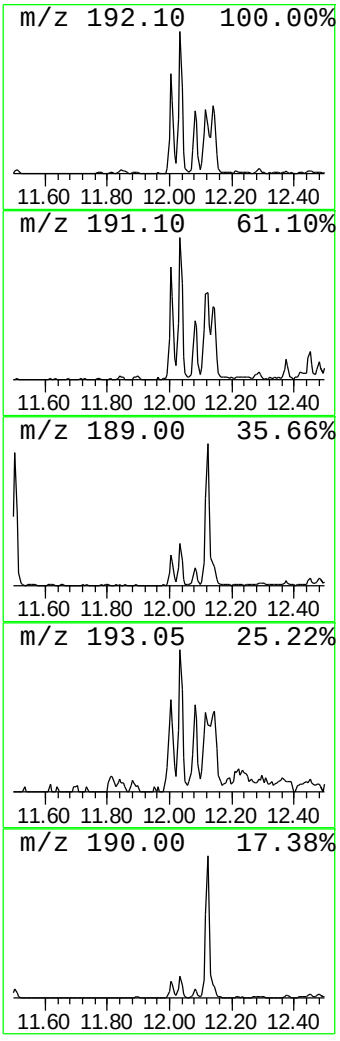
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.76 ng	129166	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110278.D
Acq On : 29 Oct 2018 22:39
Operator : JU/SJ
Sample : J5685-05 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-29

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

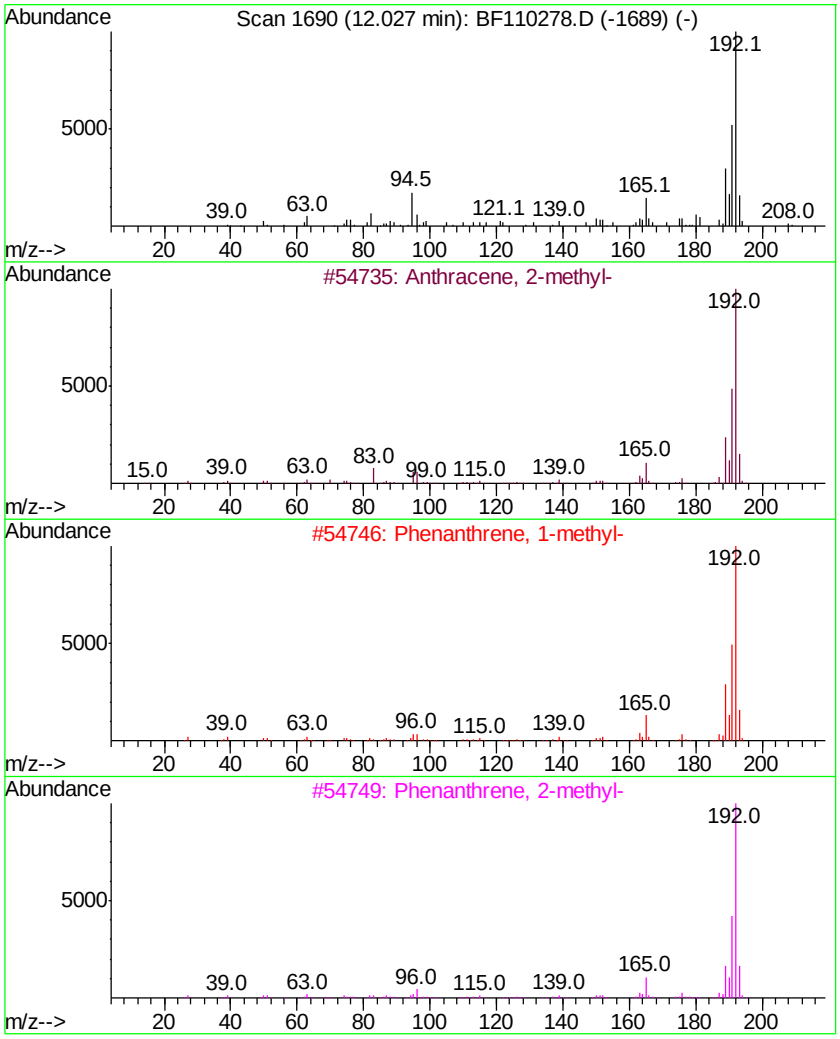
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

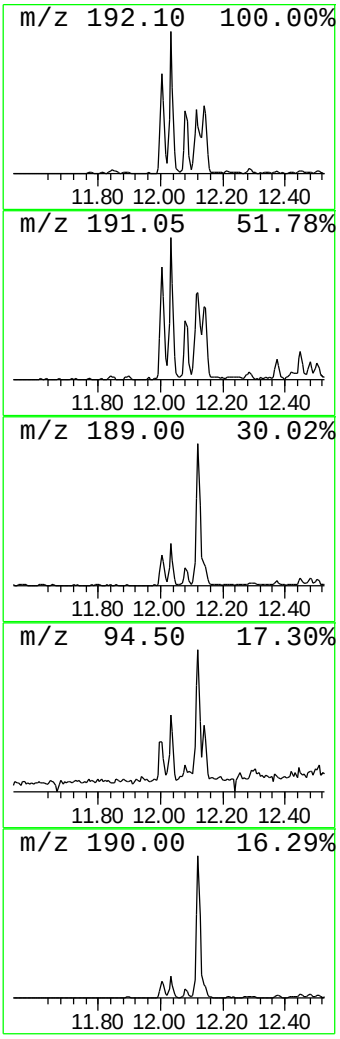
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	4.12 ng	141437	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Operator : JU/SJ
Sample : J5685-05 5X
Misc :
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ClientSampleId : DOCUMENTATION-29

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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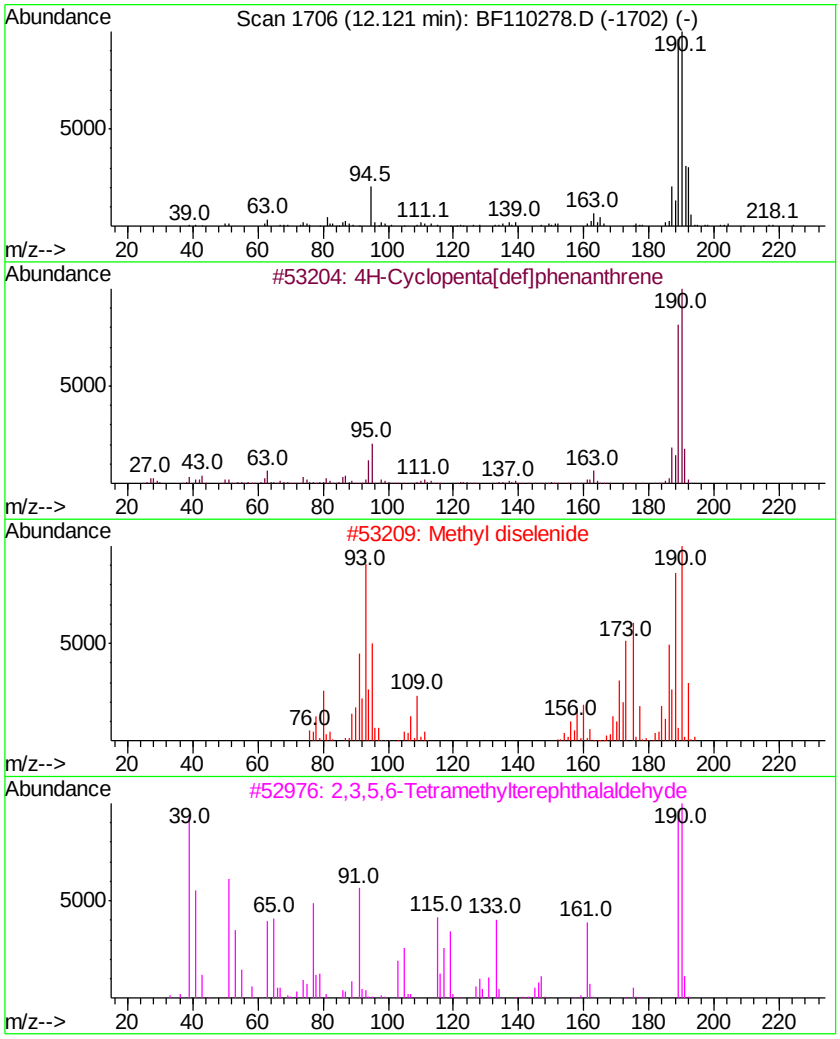
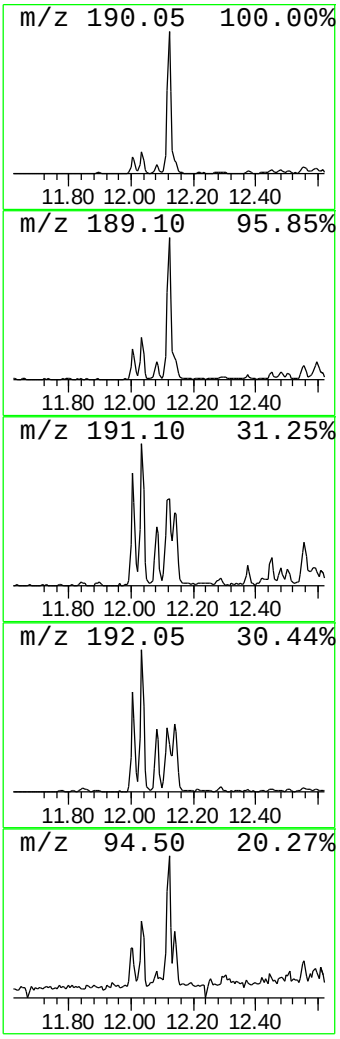
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	6.93 ng	237796	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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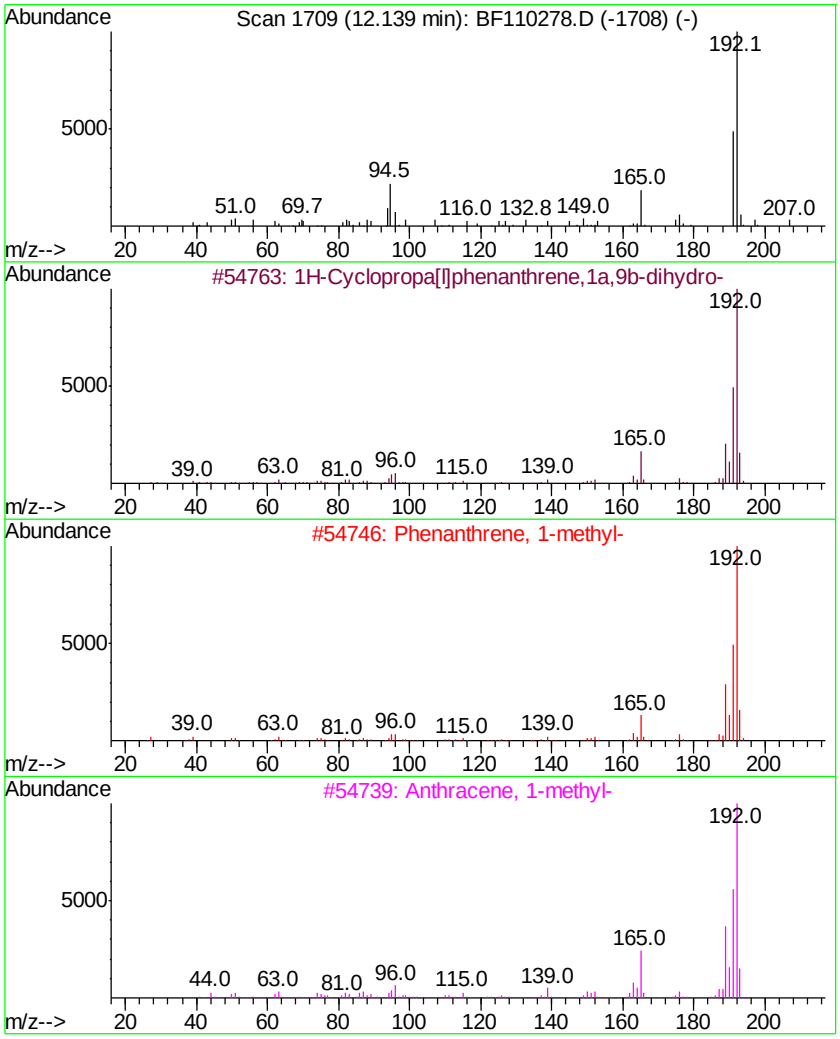
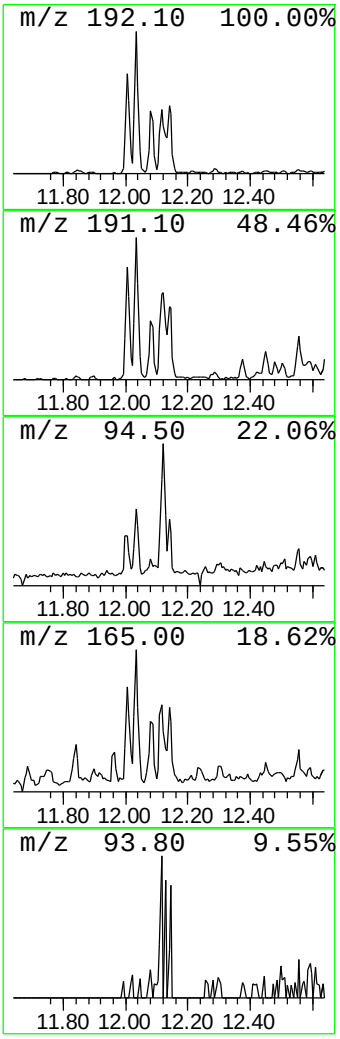
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.13 ng	73261	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	59
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	59
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	59





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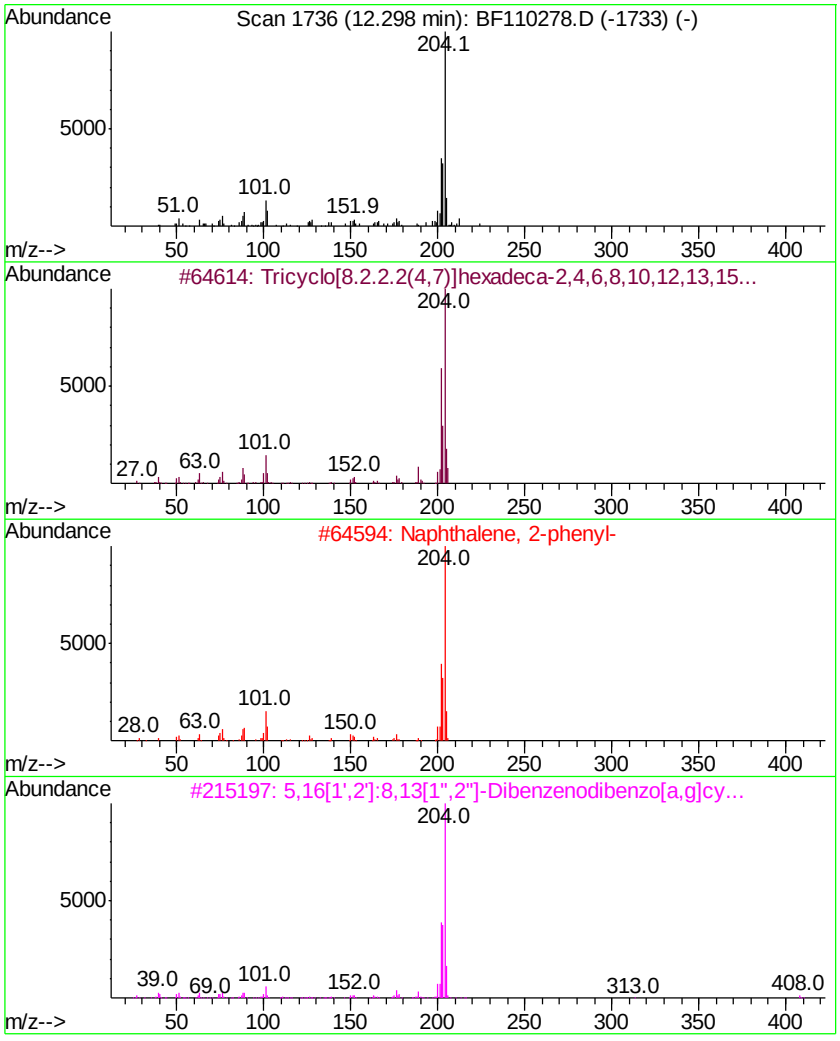
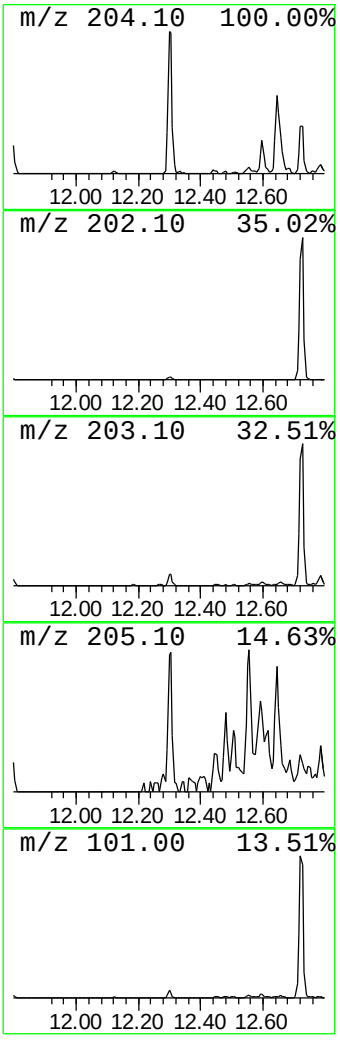
Peak Number 9 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.59 ng	88953	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	64
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	58





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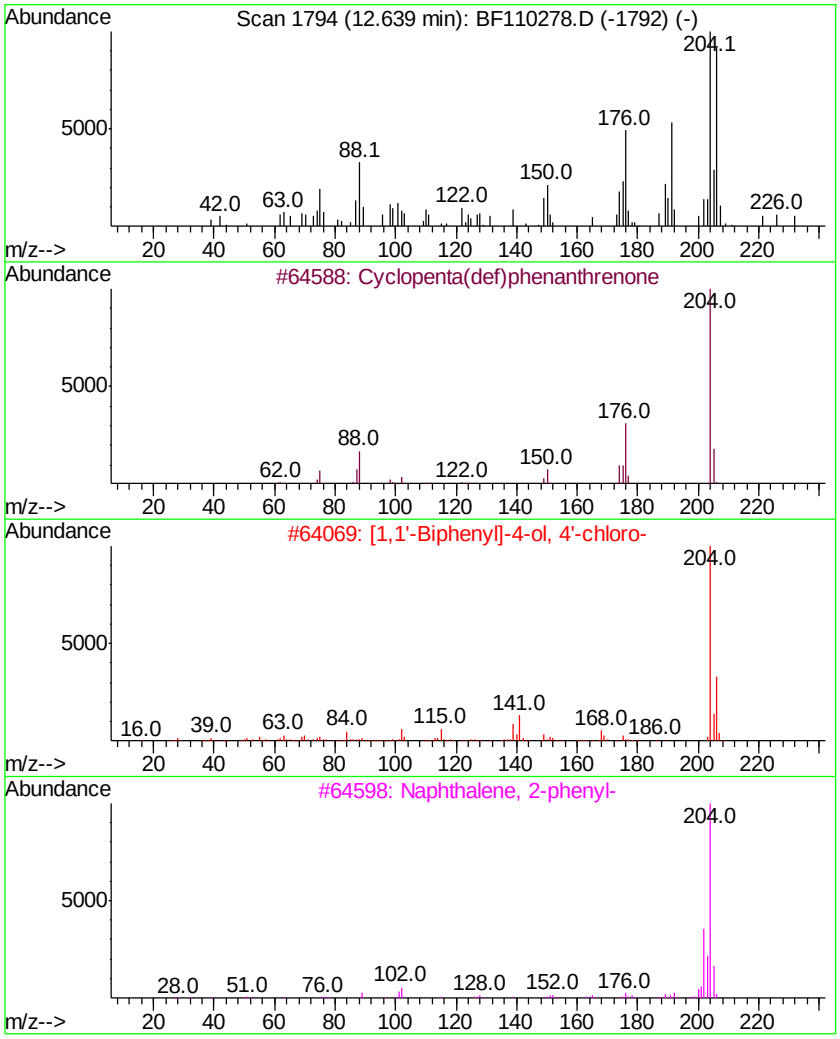
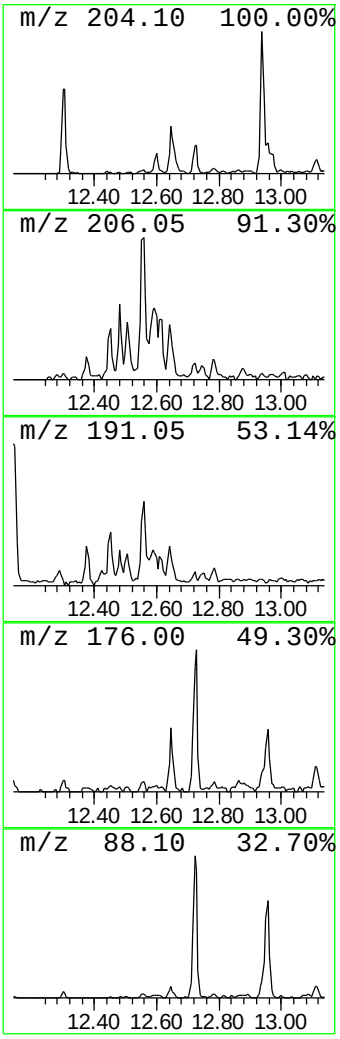
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.15 ng	73684	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	45
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43





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TIC Library : C:\DATABASE\NIST11.L
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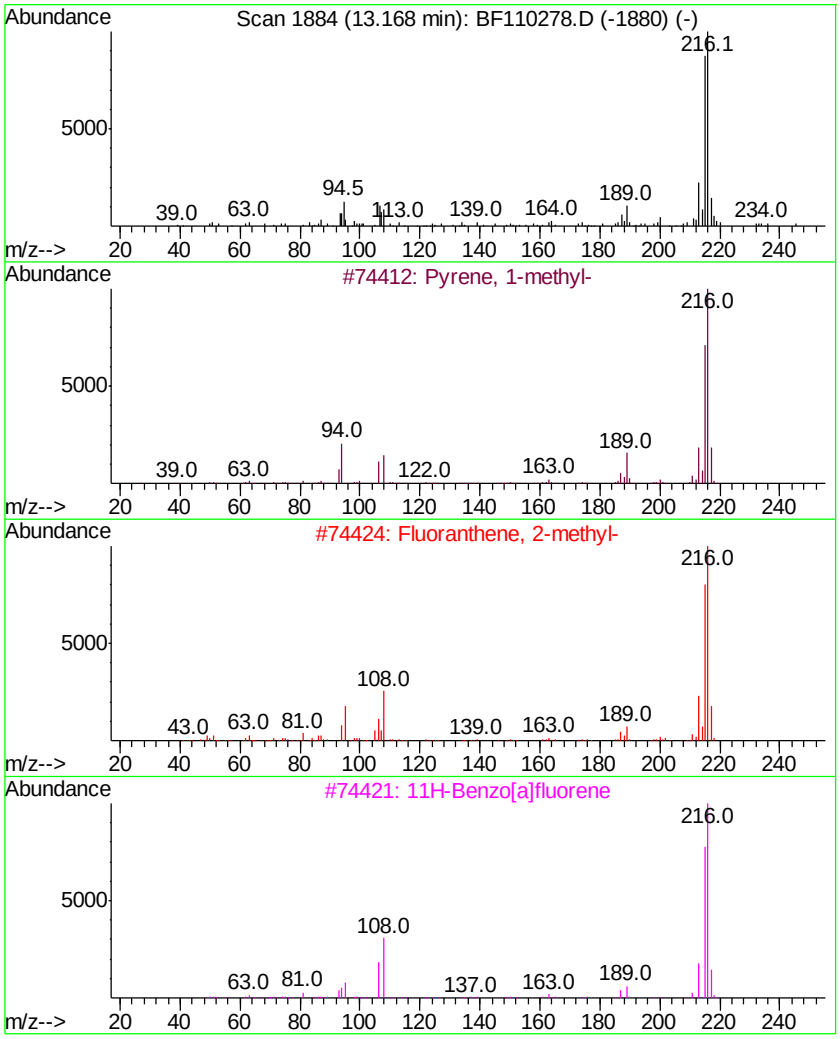
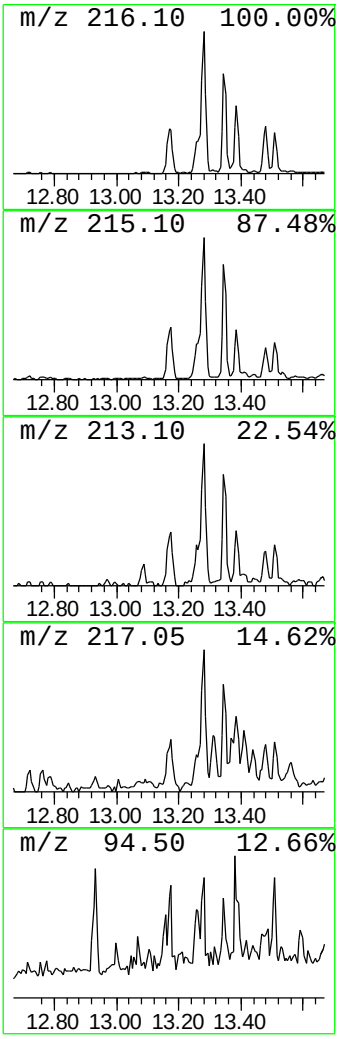
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.16 ng	159262	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	59





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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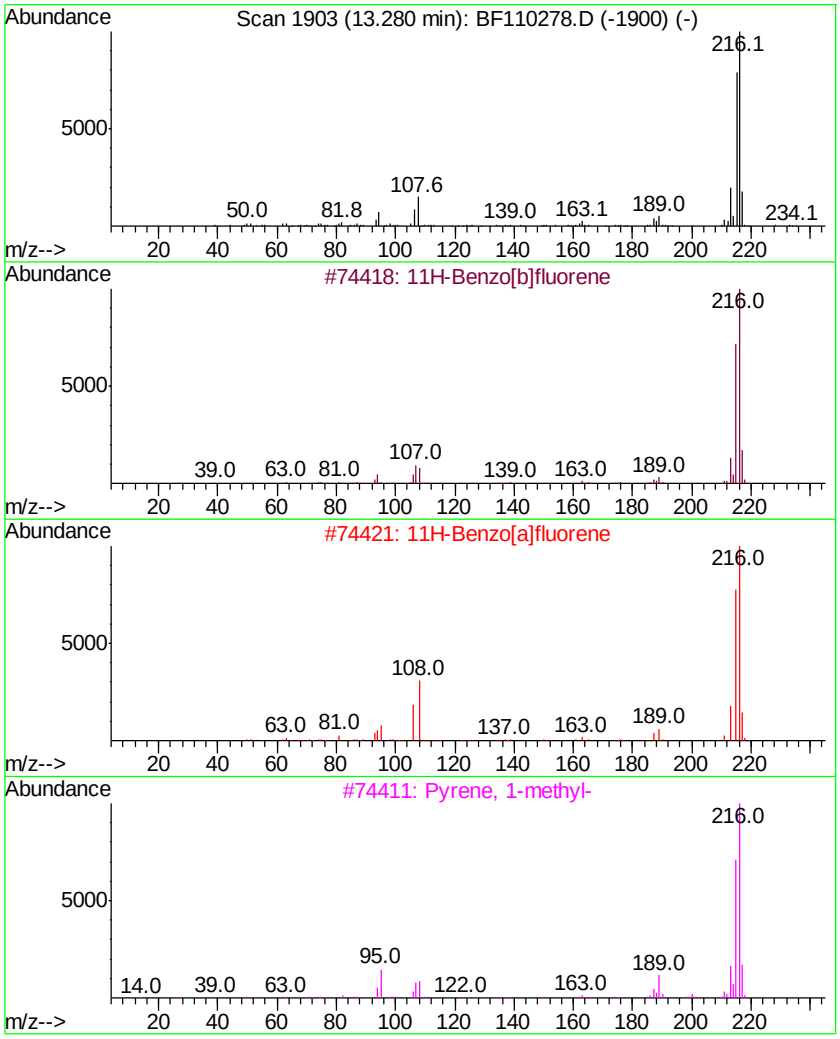
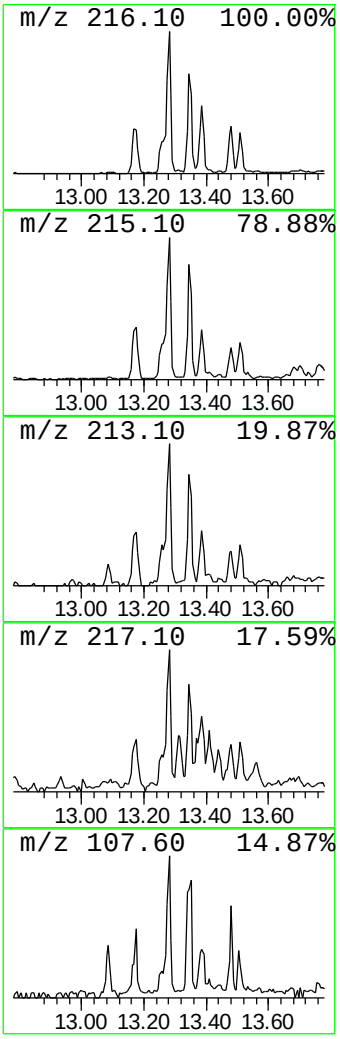
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	2.74 ng	201451	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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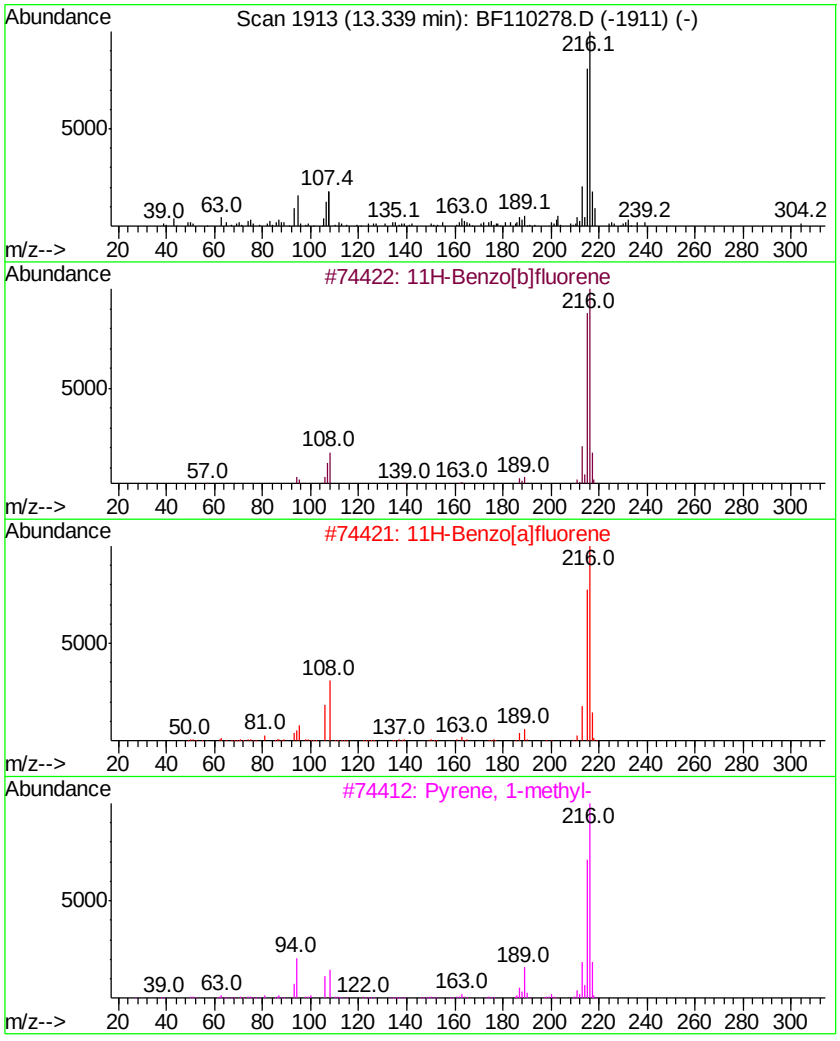
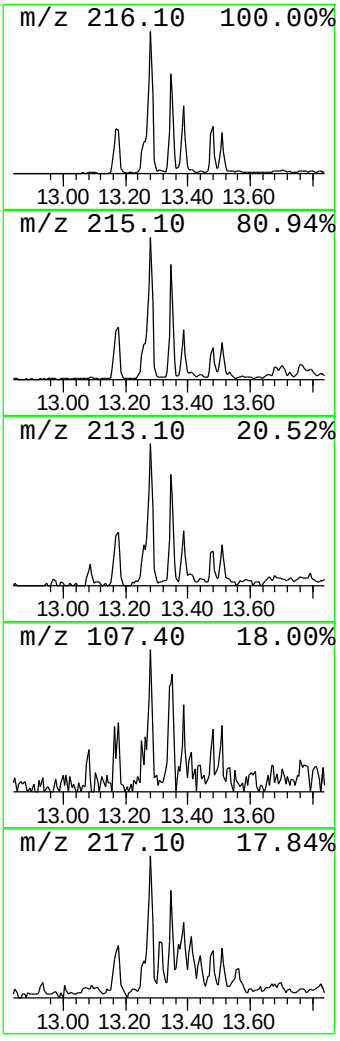
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	2.19 ng	161245	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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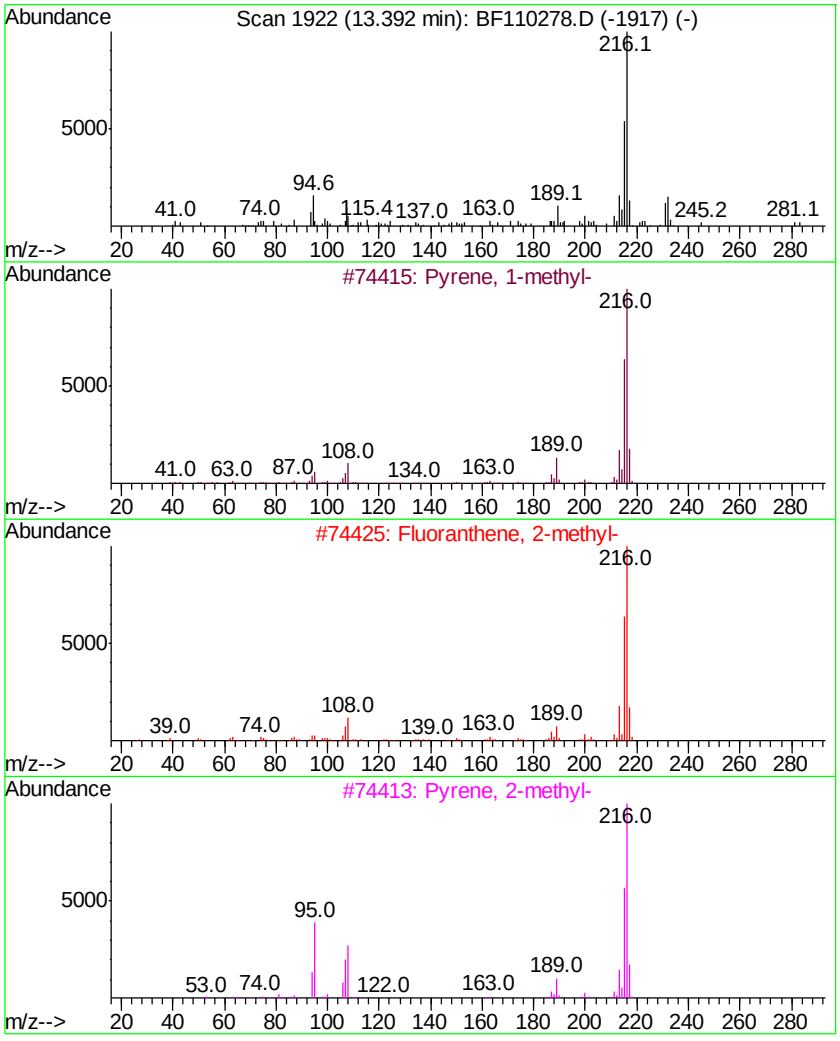
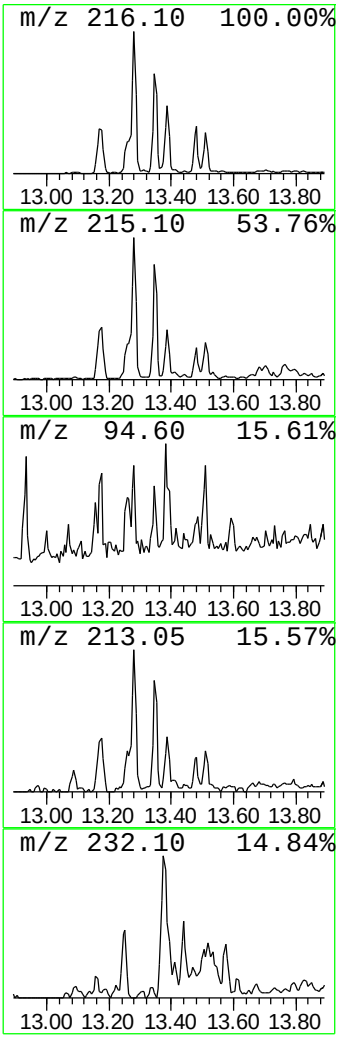
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.06 ng	151863	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68





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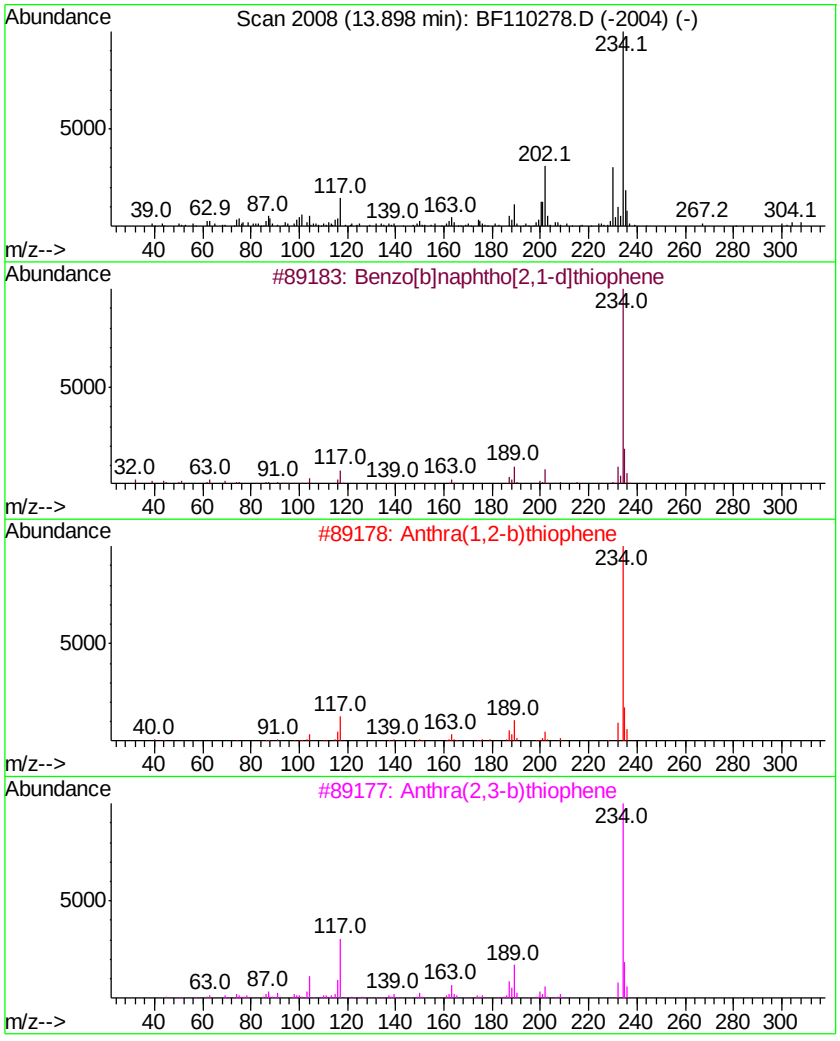
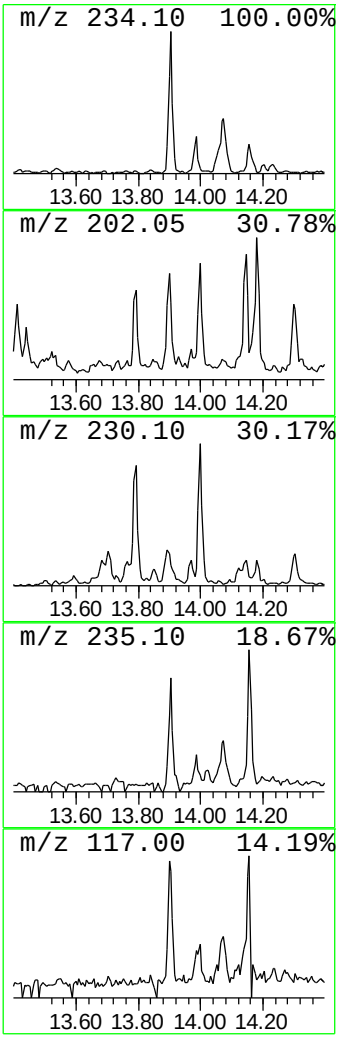
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.03 ng	149684	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	95
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	93
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90





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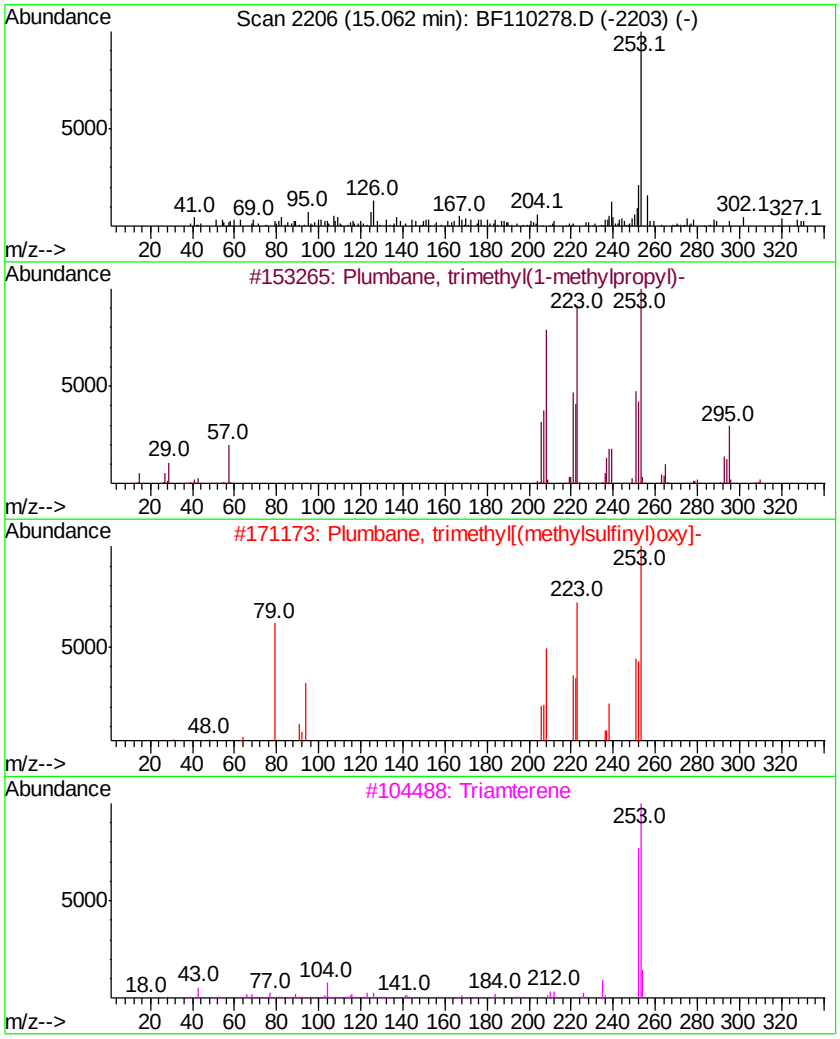
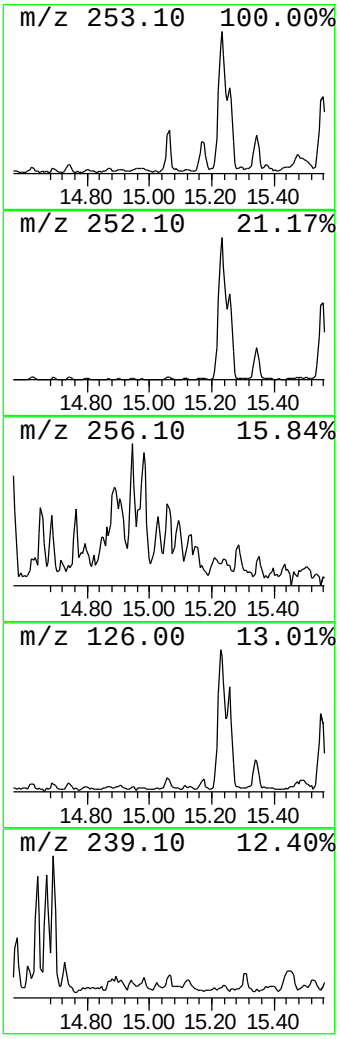
Peak Number 17 Plumbane, trimethyl(1-methy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.26 ng	88523	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Plumbane, trimethyl(1-methylprop...	310	C7H18Pb	054964-76-0	53
2	Plumbane, trimethyl[(methylsulfi...	332	C4H12O2PbS	044657-41-2	42
3	Triamterene	253	C12H11N7	000396-01-0	38
4	4-Propyl-10H-acridine-9-thione	253	C16H15NS	1000211-07-8	37
5	2,1,3-Oxadiborolane, 1,3,4,5,5-p...	460	C15H34B2OPb	161423-23-0	37





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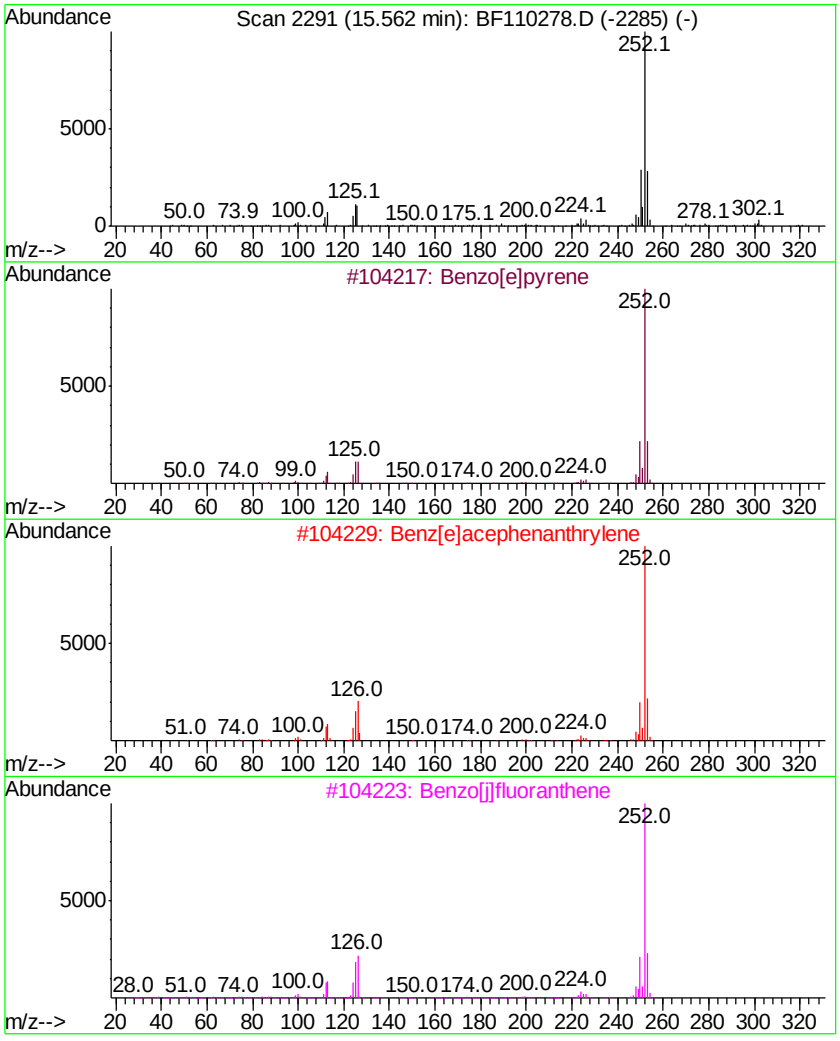
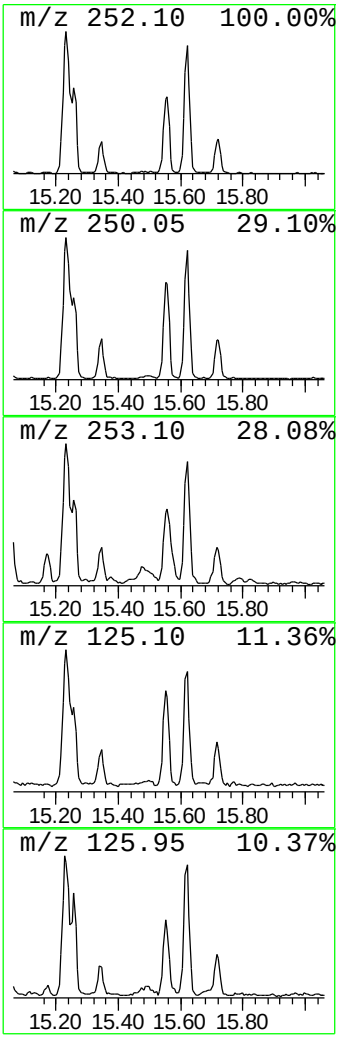
Peak Number 19 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	13.74 ng	373587	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Instrument : BNA_F
ClientSampleId : DOCUMENTATION-29

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

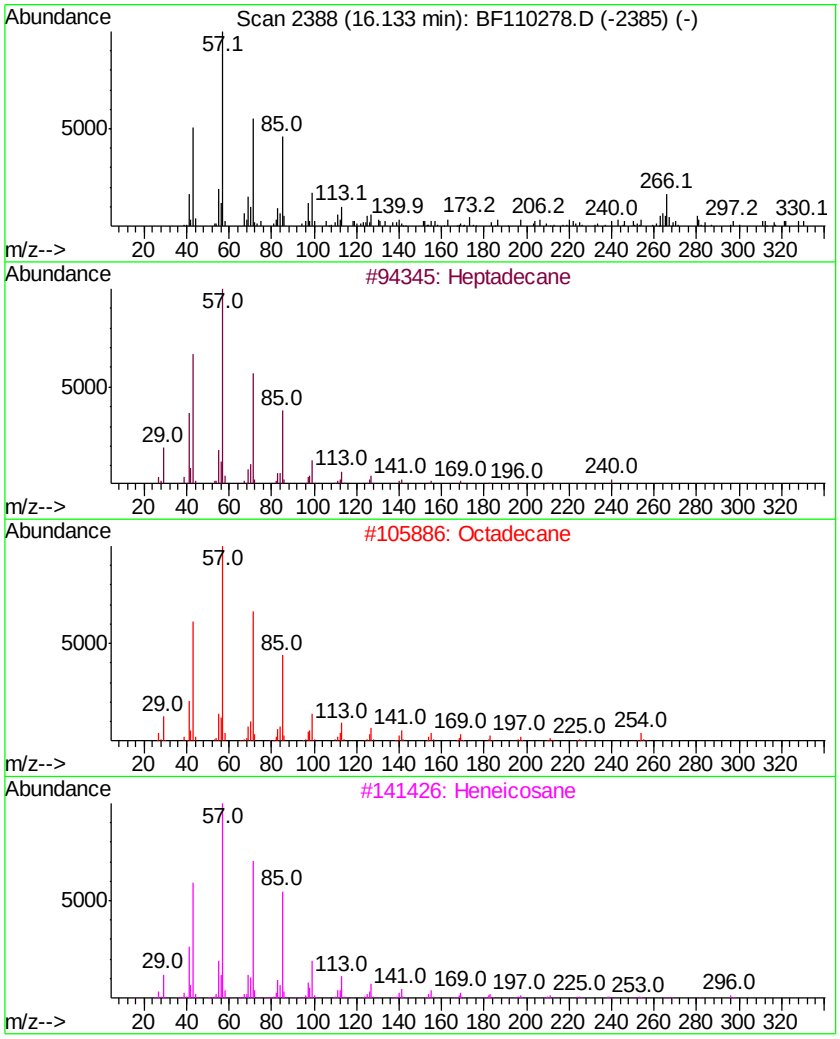
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

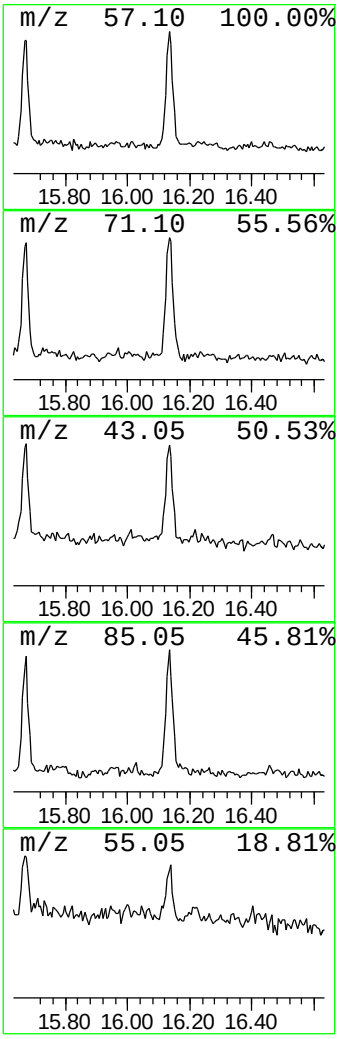
****

Peak Number 20 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	4.18 ng	113539	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	89
2	Octadecane	254	C18H38	000593-45-3	89
3	Heneicosane	296	C21H44	000629-94-7	89
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102918\
Data File : BF110278.D
Acq On : 29 Oct 2018 22:39
Operator : JU/SJ
Sample : J5685-05 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-29

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.28	3.3	ng	108154	1	6.97	656628	20.0
unknown6.73	6.73	15.6	ng	512897	1	6.97	656628	20.0
5H-Indeno[1,2-b]p...	11.73	2.0	ng	69910	4	11.50	686399	20.0
Phenanthrene, 2-m...	12.00	3.8	ng	129166	4	11.50	686399	20.0
Anthracene, 2-met...	12.03	4.1	ng	141437	4	11.50	686399	20.0
4H-Cyclopenta[def...	12.12	6.9	ng	237796	4	11.50	686399	20.0
1H-Cyclopropa[l]p...	12.14	2.1	ng	73261	4	11.50	686399	20.0
Tricyclo[8.2.2.2(...	12.30	2.6	ng	88953	4	11.50	686399	20.0
Cyclopenta(def)ph...	12.64	2.1	ng	73684	4	11.50	686399	20.0
Fluoranthene, 2-m...	13.17	2.2	ng	159262	5	14.16	1472910	20.0
11H-Benzo[b]fluorene	13.28	2.7	ng	201451	5	14.16	1472910	20.0
11H-Benzo[a]fluorene	13.34	2.2	ng	161245	5	14.16	1472910	20.0
Pyrene, 1-methyl-	13.39	2.1	ng	151863	5	14.16	1472910	20.0
Benzo[b]naphtho[2...	13.90	2.0	ng	149684	5	14.16	1472910	20.0
Plumbane, trimeth...	15.06	3.3	ng	88523	6	15.69	543645	20.0
Benzo[e]pyrene	15.56	13.7	ng	373587	6	15.69	543645	20.0
Heptadecane	16.13	4.2	ng	113539	6	15.69	543645	20.0